

10 30 50  
 CACGCGTCCGCGGGCGCGGCCGGAGAACCCCGCAATCTTTGCGCCCACAAAATACACCGA  
 70 90 110  
 CGATGCCCCGATCTACTTTAAGGGCTGAAACCCACGGGCCTGAGAGACTATAAGAGCGTTC  
 130 150 170  
 CCTACCGCCATGGAACAACGGGGACAGAACGCCCCGGCCGCTTCGGGGGGCCCGGAAAAGG  
M E O R G O N A P A A S G A R K R  
 190 210 230  
 CACGGCCCAGGACCCAGGGAGGCGCGGGGAGCCAGGCCTGGGCCCCGGGTCCCCAAGACC  
H G P G P R E A R G A R P G P R V P K T  
 250 270 290  
 CTTGTGCTCGTTGTCCCGCGGTCCTGCTGTTGGTCTCAGCTGAGTCTGCTCTGATCACC  
L V L V V A A V L L L V S A E S A L I T  
 310 330 350  
 CAACAAGACCTAGCTCCCCAGCAGAGAGCGGCCCCACAACAAAAGAGGTCCAGCCCCCTCA  
 Q Q D L A P Q Q R A A P Q Q K R S S P S  
 370 390 410  
 GAGGGATTGTGTCCACCTGGACACCATATCTCAGAAGACGGTAGAGATTGCATCTCCTGC  
 E G L C P P G H H I S E D G R D C I S C  
 430 450 470  
 AAATATGGACAGGACTATAGCACTCACTGGAATGACCTCCTTTTCTGCTTGCGCTGCACC  
 K Y G Q D Y S T H W N D L L F C L R C T  
 490 510 530  
 AGGTGTGATTTCAGGTGAAGTGGAGCTAAGTCCCTGCACCACGACCAGAAACACAGTGTGT  
 R C D S G E V E L S P C T T T R N T V C  
 550 570 590  
 CAGTGCGAAGAAGGCACCTTCCGGAAGAAGATTCTCCTGAGATGTGCCGGAAGTGCCGC  
 Q C E E G T F R E E D S P E M C R K C R  
 610 630 650  
 ACAGGGTGTCCCAGAGGGATGGTCAAGGTGCGGTGATTGTACACCCTGGAGTGACATCGAA  
 T G C P R G M V K V G D C T P W S D I E  
 670 690 710  
 TGTGTCCACAAAGAATCAGGCATCATCATAGGAGTCACAGTTGCAGCCGTAGTCTTGATT  
 C V H K E S G I I I G V T V A A V V L I  
 730 750 770  
 GTGGCTGTGTTTGTGTTTGCAAGTCTTTACTGTGGAAGAAAGTCCTTCCTTACCTGAAAGGC  
V A V F V C K S L L W K K V L P Y L K G  
 790 810 830  
 ATCTGCTCAGGTGGTGGTGGGGACCCTGAGCGTGTGGACAGAAGCTCACAACGACCTGGG  
 I C S G G G G D P E R V D R S S Q R P G

FIG.1A

```

      850              870              890
GCTGAGGACAATGTCCTCAATGAGATCGTGAGTATCTTGCAGCCCACCCAGGTCCCTGAG
A E D N V L N E I V S I L Q P T Q V P E
      910              930              950
CAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATGTTGTCCCCCGGG
Q E M E V Q E P A E P T G V N M L S P G
      970              990              1010
GAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGGAGGAGGCTGCTG
E S E H L L E P A E A E R S Q R R R L L
      1030             1050             1070
GTTCCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTCGATGACTTTGCA
V P A N E G D P T E T L R Q C F D D F A
      1090             1110             1130
GACTTGGTGCCCTTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGGCCTCATGGACAAT
D L V P F D S W E P L M R K L G L M D N
      1150             1170             1190
GAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTGTACACGATGCTG
E I K V A K A E A A G H R D T L Y T M L
      1210             1230             1250
ATAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCTGCTGGATGCCTTG
I K W V N K T G R D A S V H T L L D A L
      1270             1290             1310
GAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTGTTGAGCTCTGGA
E T L G E R L A K Q K I E D H L L S S G
      1330             1350             1370
AAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCCTAAGTGTGATTCTCTTCA
K F M Y L E G N A D S A M S *
      1390             1410             1430
GGAAGTGAGACCTTCCCTGGTTTACCTTTTTTCTGGAAAAAGCCCAACTGGACTCCAGTC
      1450             1470             1490
AGTAGGAAAGTGCCACAATTGTCACATGACCGGTACTGGAAGAACTCTCCCATCCAACA
      1510             1530             1550
TCACCCAGTGGATGGAACATCCTGTAACCTTTTCACTGCACTTGGCATTATTTTATAAGC
      1570             1590
TGAATGTGATAATAAGGACACTATGGAAAAAAAAAAAAA

```

FIG.1B

1	M	L	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	I	W	T	L	L	P	L	V	L	h Fas protein		
1	M	G	L	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	V	P	D	L	L	P	L	h TNFR I Protein			
1	M	E	Q	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	R	G	C	A	A	V	A	DR3 protein			
1	M	E	Q	R	G	Q	N	A	P	A	S	G	A	R	K	R	H	G	P	G	P	R	E	A	R	G	A	HLYBX88XXprotein		
13	T	S	V	A	R	L	S	S	K	S	V	N	A	Q	V	T	D	I	N	S	K	G	L	E	L	R	K	T	h Fas protein	
14	V	L	L	E	L	V	G	I	P	S	G	V	I	G	L	V	P	H	L	G	D	R	E	K	R	D	S	V	h TNFR I Protein	
14	A	L	L	L	V	L	G	A	R	A	Q	G	-	-	-	-	-	-	G	T	R	S	P	R	-	C	D	DR3 protein		
41	V	V	A	V	L	L	V	S	A	E	S	A	L	I	T	Q	Q	D	L	A	P	Q	R	A	P	Q	Q	K	R	HLYBX88XXprotein
53	H	H	D	G	Q	F	C	H	K	P	C	P	P	G	E	R	K	A	R	D	C	T	V	N	G	D	E	P	h Fas protein	
52	P	Q	N	N	S	I	C	C	T	K	C	H	K	G	T	Y	L	Y	N	D	C	P	G	P	G	Q	D	T	h TNFR I Protein	
41	K	K	I	G	L	F	C	C	R	G	C	P	A	G	H	Y	L	K	A	P	C	T	E	P	C	G	N	S	DR3 protein	
81	-	-	-	-	-	-	-	-	-	-	C	P	P	G	H	I	S	E	D	-	-	-	-	-	G	R	D	C	HLYBX88XXprotein	
93	D	K	A	H	F	S	S	K	C	R	C	R	L	C	D	E	G	H	G	L	E	V	E	I	N	C	T	R	h Fas protein	
92	S	E	N	H	L	R	-	H	C	L	S	C	S	K	C	R	K	E	M	G	Q	V	E	I	S	S	C	T	h TNFR I Protein	
81	W	E	N	H	H	N	S	E	C	A	R	C	Q	A	C	D	E	Q	A	S	Q	V	A	L	E	N	C	S	DR3 protein	
105	T	H	W	N	D	L	L	F	C	L	R	C	T	R	C	D	-	-	S	G	E	V	E	L	S	P	C	T	HLYBX88XXprotein	
133	F	-	-	-	-	-	-	-	-	-	C	N	S	T	V	-	-	-	-	C	E	H	C	D	P	C	T	K	h Fas protein	
131	Q	Y	R	H	Y	W	S	E	N	L	F	Q	C	-	-	-	-	-	-	F	N	C	S	L	C	L	N	-	h TNFR I Protein	
121	W	F	V	E	C	-	-	-	Q	V	S	Q	C	V	S	S	P	F	Y	C	Q	P	C	L	D	C	G	A	DR3 protein	
143	T	F	R	E	-	-	-	-	-	-	-	-	-	-	E	D	S	P	E	M	C	R	K	C	-	-	-	-	HLYBX88XXprotein	





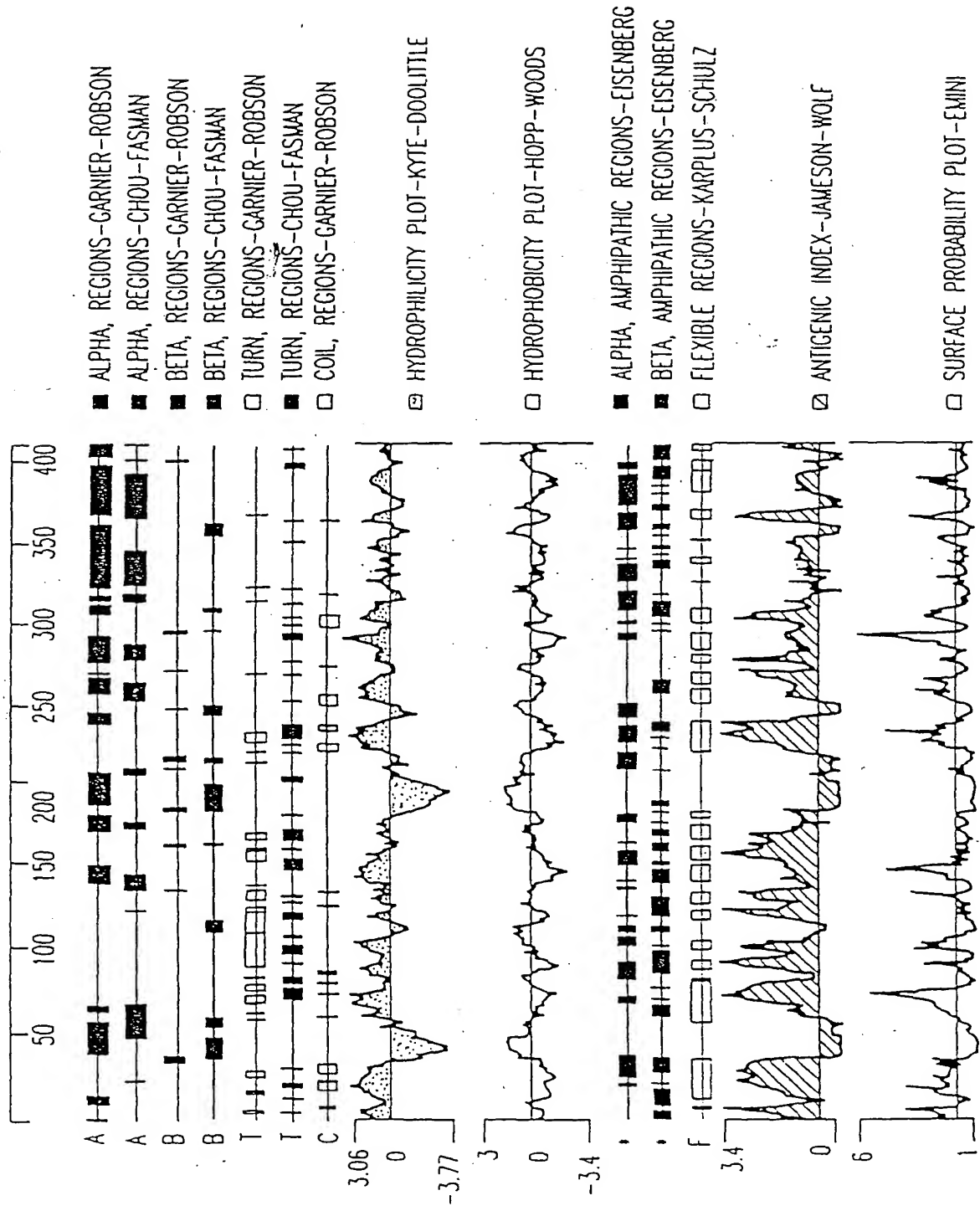


FIG.3

## HAPBU13R

```

  1 AATTCGGCAC AGCTCTTCAG GAAGTCAGAC CTTCCCTGGT TTACCTTTTT
 51 TCTGGAAAAA GCCCAACTGG GACTCCAGTC AGTAGGAAAG TGCCACAATT
101 GTCACATGAC CGGTACTGGA AGAAACTCTC CCATCCAACA TCACCCAGTG
151 GNATGGGAAC ACTGATGAAC TTTTCACTGC ACTTGGCATT ATTTTGTNA
201 AGCTGAATGT GATAATAAGG GCACTGATGG AAATGTCTGG ATCATTCCGG
251 TTGTGCGTAC TTGAGATTT GNGTTTGGGG ATGTNCATTG TGTTTGACAG
301 CACTTTTTTN ATCCCTAATG TNAAATGCNT NATTTGATTG TGANTTGGGG
351 GTNAACATTG GTNAAGGNTN CCCNTNTGAC ACAGTAGNTG GTNCCCGACT
401 TANAATNGNN GAANANGATG NATNANGAAC CTTTTTTTGG GTGGGGGGGT
451 NNCGGGGCAG TNNAANGNNG NCTCCCCAGG TTTGGNGTNG CAATNGNGGA
501 ANNNTGG

```

## HSBBU76R

```

  1 TTTTTTTTGT AGATGGATCT TACAATGTAG CCCAAATAAA TAAATAAAGC
 51 ATTTACATTA GGATAAAAAA GTGCTGTGAA AACAAATGACA TCCCAAACCA
101 AATCTCAAAG TACGCACAAA CGGAATGATC CAGACATTTC CATAGNGTCC
151 TTATTATCAC ATTCAGCTTA TAAAANTAAT GCCAAGTGCA GTGAAAAGTT
201 ACAGGATGTT CCATCCACTG GGTGGATT

```

FIG.4

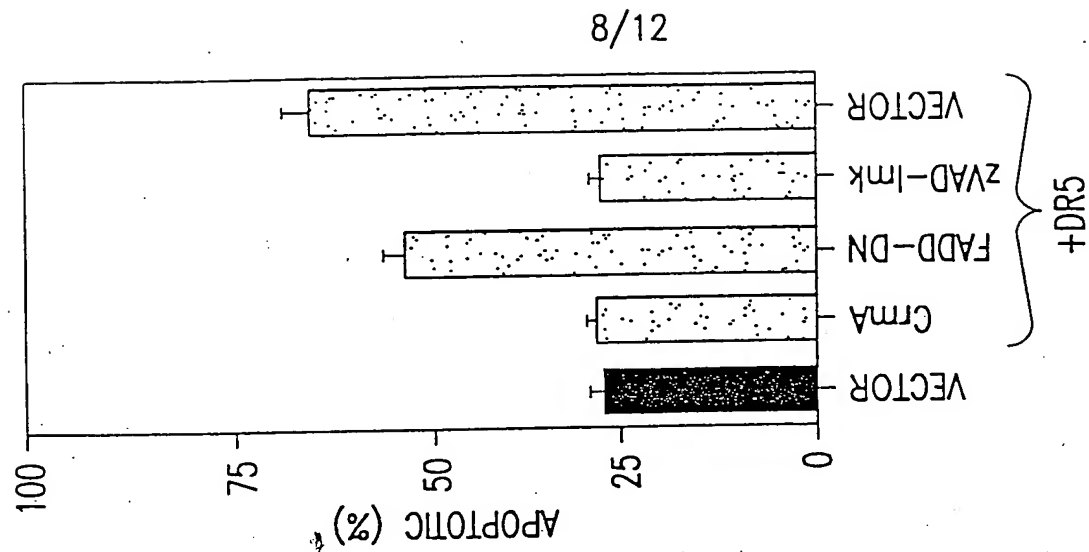


FIG. 5C

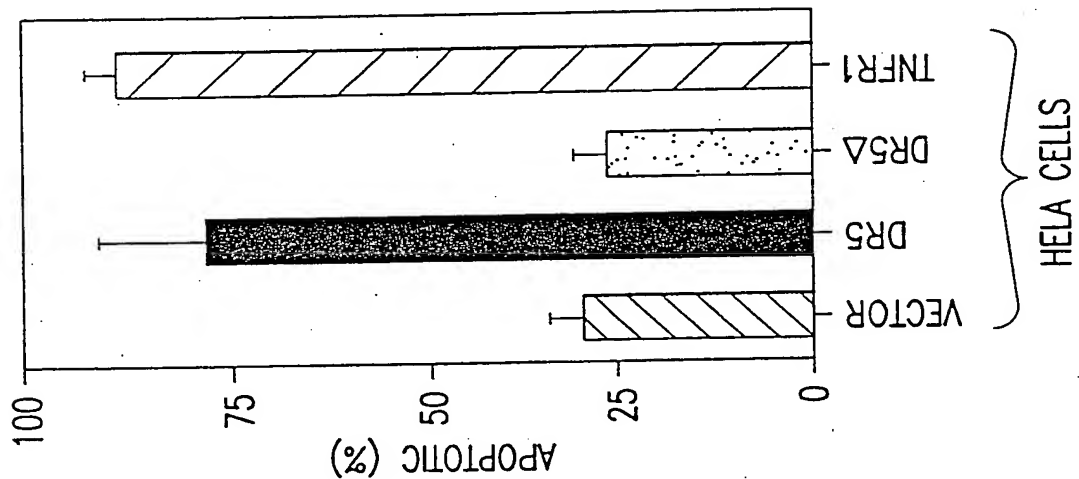


FIG. 5B

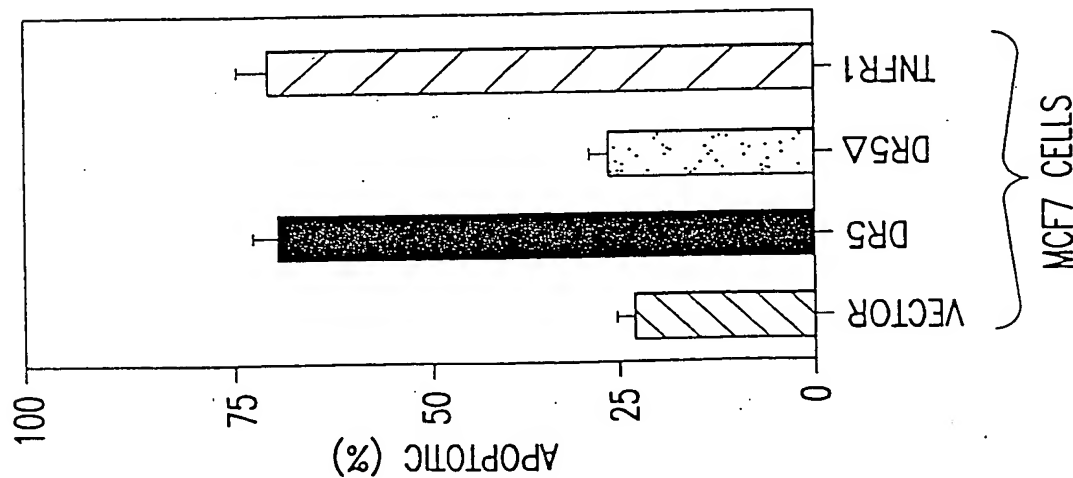


FIG. 5A



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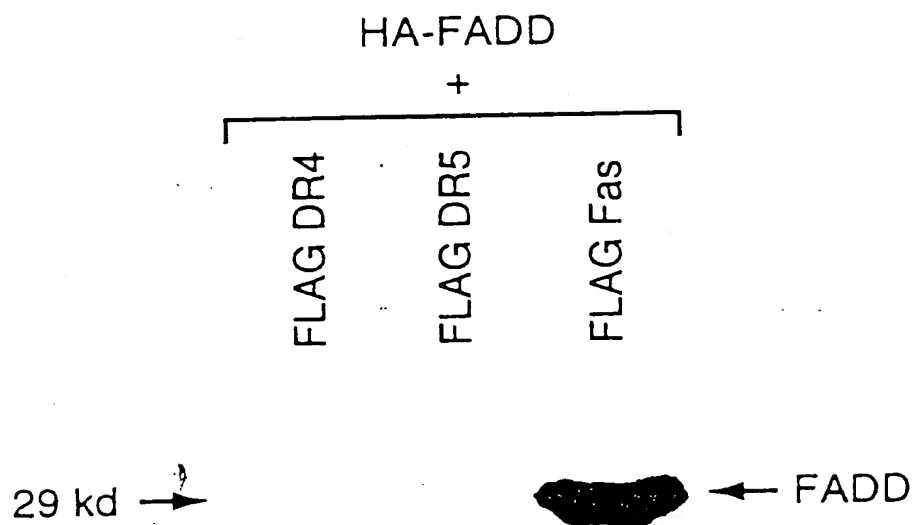
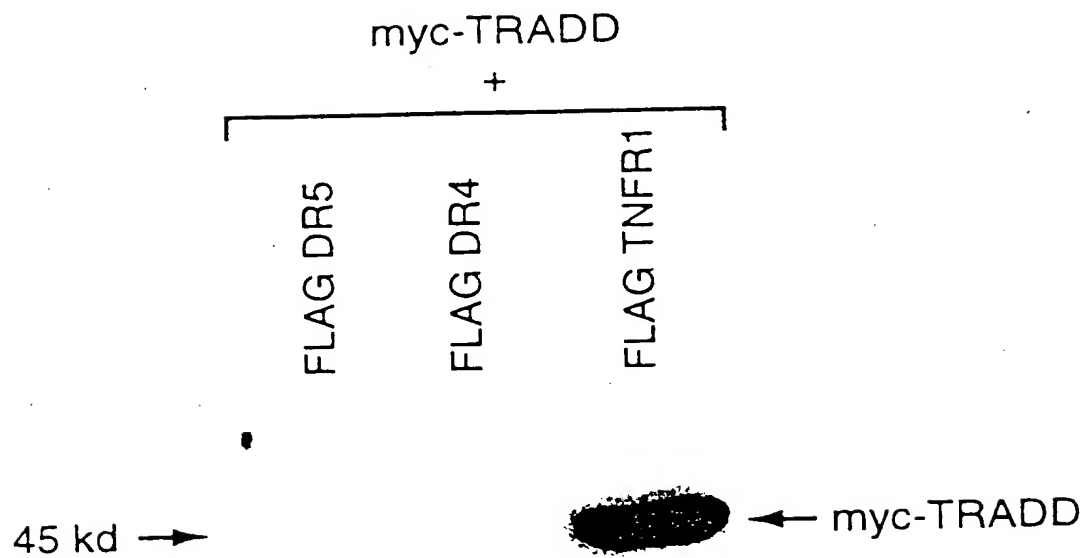


FIG.5D



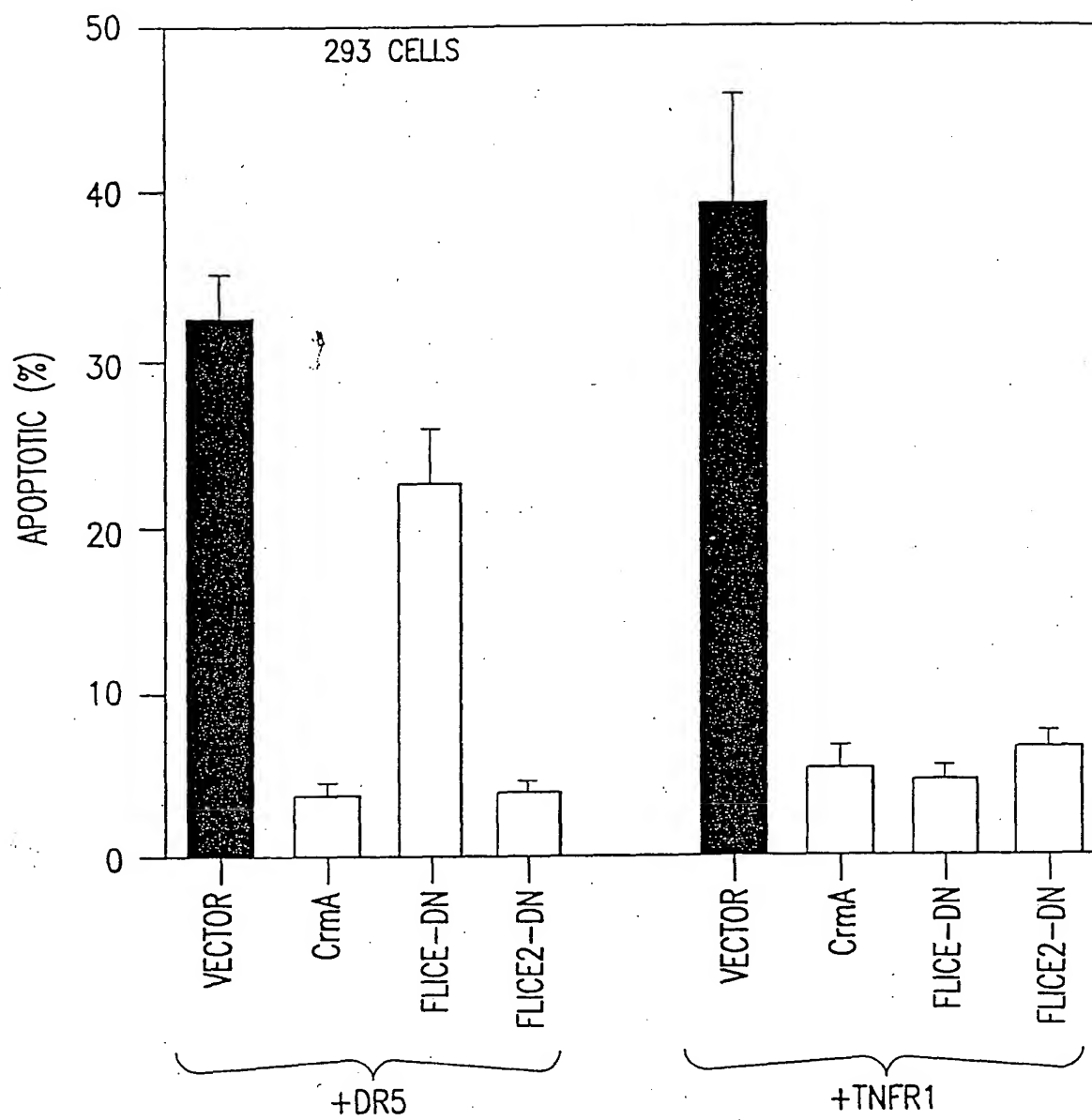


FIG. 5E

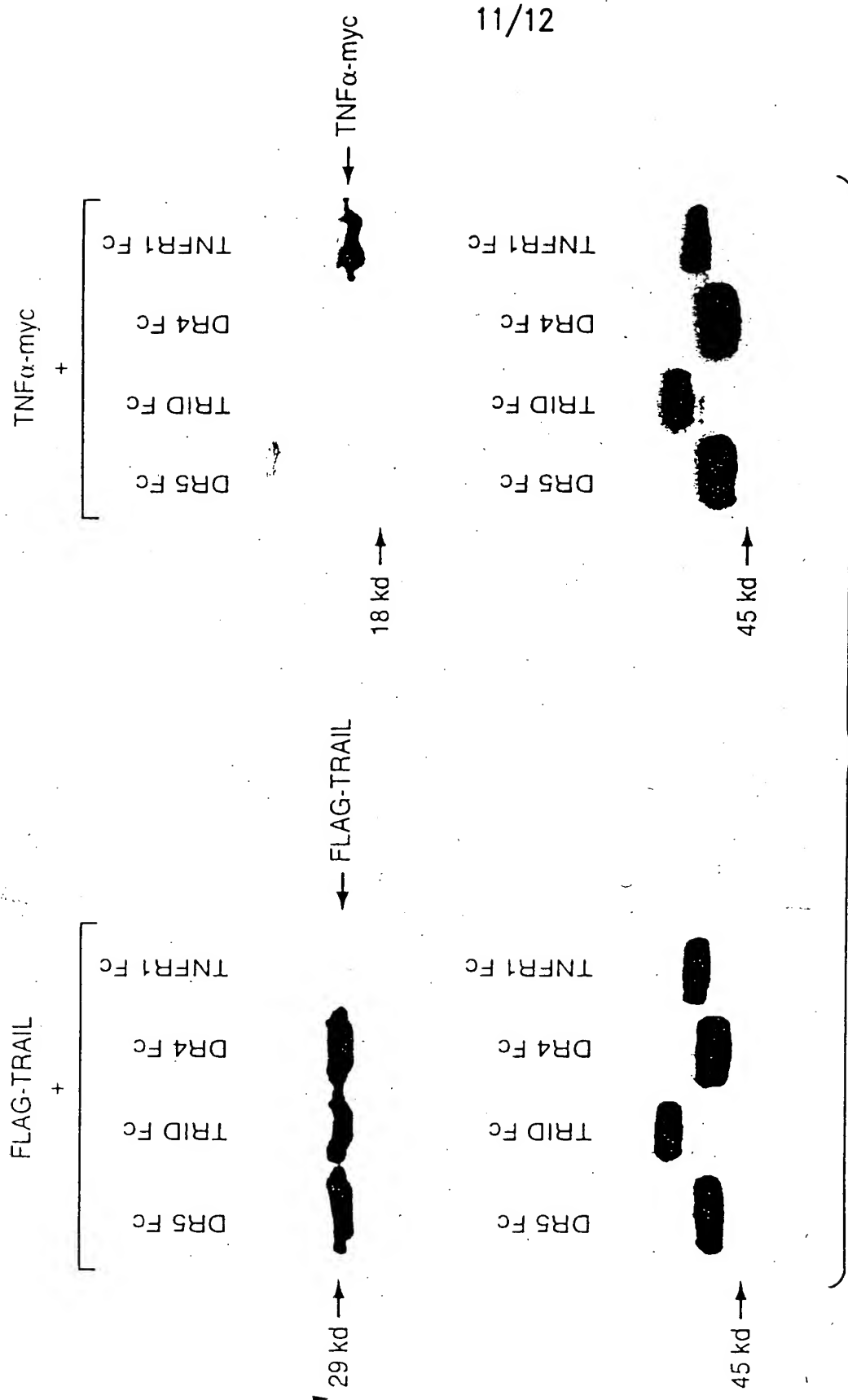


FIG.6A

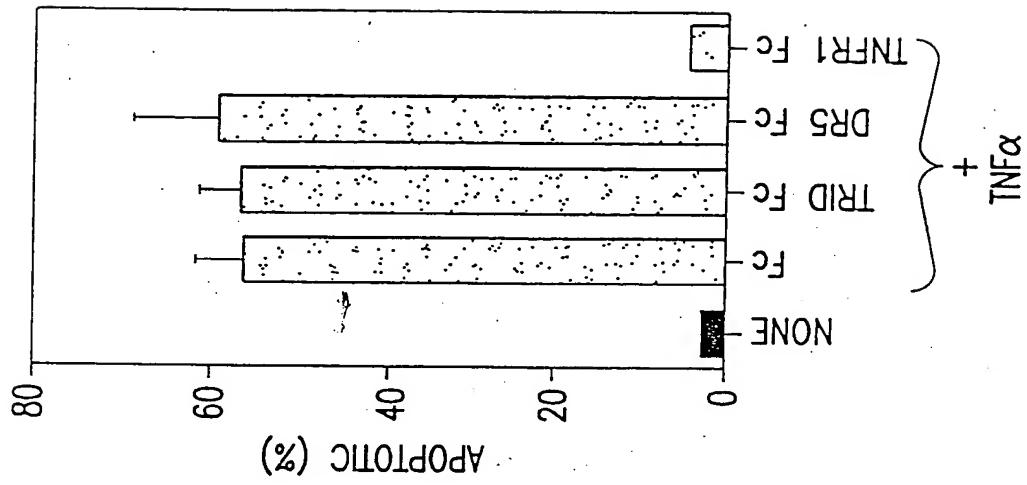


FIG. 6C

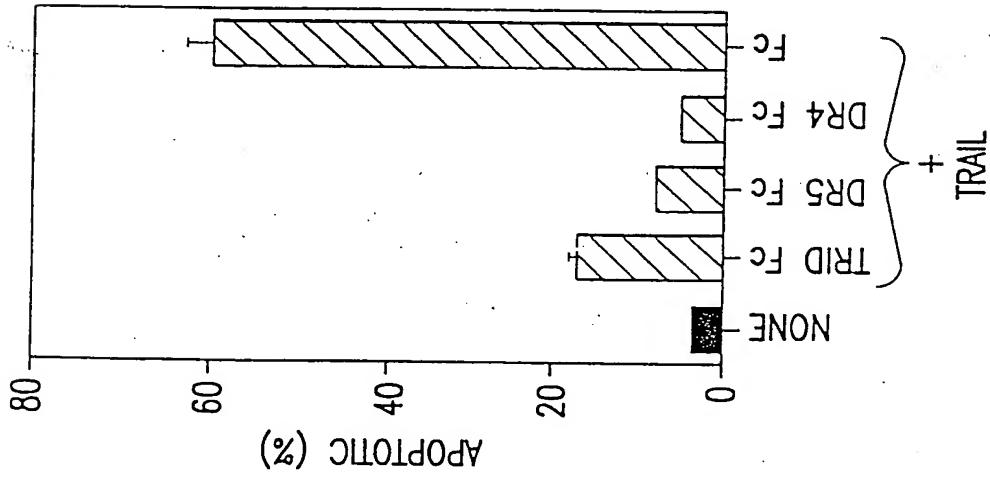


FIG. 6B